

Abstract

An endoscopic catheter adapted for insertion into body cavities, comprising a distal catheter portion and an illumination device (40) which is adapted to illuminate an area around the distal catheter portion with electromagnetic radiation; and an image recording unit (60) which is adapted to record an image of the electromagnetic radiation reflected by the area around the distal catheter portion and pass it to the proximal end of the catheter (10), and an image reproduction unit (62) which is connected to the proximal end of the catheter (10) and adapted to reproduce an image of the recorded electromagnetic radiation, characterized in that the catheter (10) is adapted controllably for insertion into blood vessels, in particular blood vessels, and adapted to reproduce an image of the electromagnetic radiation reflected by the area around the distal catheter portion, with a wavelength for which blood has a high transparency.

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